How to Approach Unit 4 Assignment 1.

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How your Assignments are assessed

Each assignment is made up of Tasks:

You have Pass Tasks, Merit Tasks and Distinction Tasks.

You must complete **ALL** pass tasks to achieve a **Pass.**

You must complete **ALL** merit tasks to achieve a **Merit.**

You must complete **ALL** distinction tasks to achieve a **Distinction.**

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How your Assignments are assessed

If you do not complete all PASS tasks, you have **NOT PASSED** the Assignment.

If you complete all PASS tasks, but do not complete all MERIT tasks you have **PASSED** the assignment.

If you complete **most** PASS tasks, and **all** MERIT and **all** DISTINCTION tasks, you still have **NOT PASSED** the unit.

You will get a single resubmission attempt to improve your mark.

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P1 Tasks – 1.

This is all about the concepts of Computational Thinking.

In order to tackle this you will need to have some form of program to look at.

Your teacher will give you some ideas about programs to look at.

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P1 Tasks - 2

- You will need to explain what is meant by :
- Computational Thinking
- Decomposition
- Pattern recognition
- Generalisation and abstraction.

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P1 Tasks - 3

- You will need to identify the key components of your program including:
- Variables
- Constants
- Key processes
- Repeated processes
- Inputs and outputs

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P1 Tasks - 4

For each you will need:

a definition and

a simple example from the program you are looking at.

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Class Task #1

How many variables can you identify?

If your program has a login screen you should at least have:

username – datatype string.

Password – datatype string.

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M1 Tasks

Need

You will need to ASSESS how well the features impact on the

- Program design
- The quality of the final program

Need

You will need to identify any positive things about these.

Need

You will need to identify any negative things about these.

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